

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Withdrawn) A silicone-treated powder comprising a powder coated on the surface thereof with a silicone compound having the formula (1):



wherein R^1 , R^2 , and R^3 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, provided that R^1 , R^2 and R^3 are not simultaneously hydrogen atoms,

R^4 , R^5 and R^6 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom,

a is an integer of 1 or more,

b is 0 or an integer of 1 or more,

c is 0 or 2,

provided that $3 \leq a + b + c \leq 10000$, and the compound has at least one Si-H group, and wherein an amount of hydrogen generated by Si-H groups remaining on the surface of the silicone-treated powder is 0.01 to 0.2 ml/g of treated powder and a contact angle of water with the treated powder is at least 100° ,

said silicone-treated powder being obtained by coating a surface of a powder with (1) a silicone compound having at least one Si-H group or (2) a mixture of the silicone compound (1) and a silicone compound not having an Si-H group; and then heating the silicone compound coated powder at a temperature of 260 to 500°C for 0.1 to 24 hours.

2. (Withdrawn) A cosmetic composition comprising the silicone-treated powder according to claim 1, as one ingredient of the formulating material, and a carrier thereof.

3. (Withdrawn) A cosmetic composition as claimed in claim 2, wherein said cosmetic composition is in the form of a solid foundation, emulsion foundation, pressed powder, face powder, UV blocking stick, lipstick, water-in-oil type emulsion sunscreen, or body powder.

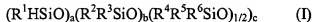
4. (Withdrawn) A coating composition comprising a silicone-treated powder according to claim 1, as one ingredient of the formulating material, and a carrier thereof.

5. (Withdrawn) A resin molded article obtained by injection molding a synthetic resin composition containing a silicone-treated powder according to claim 1, as one ingredient of the formulating material and a carrier thereof.

6. (Currently amended) A process for producing a silicone-treated hydrophobic powder comprising the steps of:

coating a surface of a starting powder with (1) a silicone compound having at least one Si-H group or (2) a mixture of the silicone compound ~~(+)(I)~~ and a silicone compound not having an Si-H group, as a first step; and then

heating the silicone compound coated powder at a temperature of 260 to ~~500~~480°C for 0.1 to 24 hours, as a second step, whereby the Si-H groups of silicone compound ~~(+)(I)~~ are cross-linked, wherein said silicone compound having an Si-H group is a silicone compound having the formula (I):



wherein R^1 , R^2 , and R^3 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, provided that R^1 , R^2 and R^3 are not simultaneously hydrogen atoms, R^4 , R^5 and R^6 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, a is an integer of 1 or more, b is an integer of 1 or more, c is 2, provided that $3 \leq a + b + c$ [\geq] ≤ 10000 , and the compound has at least one Si-H group.

7. (Currently amended) A process for producing a silicone-treated hydrophobic powder as claimed in claim 6, wherein, when an average particle size of the starting powder is not

more than 0.1 μm , the silicone compound coated powder is heated in the second step at a temperature of 260 to 320°C for 1 to 5 hours.

8. (Currently amended) A process for producing a silicone-treated hydrophobic powder as claimed in claim 6, wherein, when an average particle size of the starting powder is more than 0.1 μm , the silicone compound coated powder is heated in the second step at a temperature of 330 to 480°C for 1 to 5 hours.

9. (Canceled)

10. (Currently amended) A process for producing a silicone-treated hydrophobic powder as claimed in claim 6, wherein said silicone compound having an Si-H group is a methylhydrogenpolysiloxane-dimethylpolysiloxane copolymer.

11. (Currently amended) A process for producing a silicone-treated hydrophobic powder as claimed in claim 6, wherein said heat treatment in the second step is carried out in the air or under an atmosphere of one or more other gases containing moisture of at least an extent of the moisture in the air or under an atmosphere not containing moisture while adding moisture.

12. (Withdrawn) A cosmetic composition comprising a silicone-treated powder obtained by the process according to claim 6 as one ingredient of the material and a carrier thereof.

13. (Withdrawn) A cosmetic composition as claimed in claim 12, wherein said cosmetic composition is in the form of a solid foundation, emulsion foundation, pressed powder, face powder, UV blocking stick, lipstick, water-in-oil type emulsion sunscreen, and body powder.

14. (Withdrawn) A coating composition comprising a silicone-treated powder obtained by the production process according to in claim 6, as one ingredient of the formulating material and a carrier thereof.

15. (Withdrawn) A resin molded article obtained by injection molding a synthetic resin composition comprising a silicone-treated powder obtained by the process according to claim 6, as one ingredient of the formulating material and a carrier.

16. (Withdrawn) A silicone-treated powder as claimed in claim 1, wherein an average particle size of the powder is not more than 0.1 μm and the silicone compound coated powder is heated in the second step at a temperature of 260 to 350°C for 1 to 5 hours.

17. (Withdrawn) A silicone-treated powder as claimed in claim 1, wherein an average particle size of the powder is not less than 0.1 μm and the silicone compound coated powder is heated in the second step at a temperature of 330 to 480°C for 1 to 5 hours.

18. (Withdrawn) A silicone-treated powder as claimed in claim 1, wherein said silicone compound having an Si-H group is methylhydrogenpolysiloxane, a methylhydrogenpolysiloxane-dimethylpolysiloxane copolymer or tetramethylcyclotetrasiloxane.

19. (Withdrawn) A silicone-treated powder as claimed in claim 1, wherein said heating is carried out under
an atmosphere of normal air,
an atmosphere of one or more other gases containing moisture at least to the extent of moisture in normal air, or
under an atmosphere not containing moisture, wherein moisture is added during the heating of treatment.

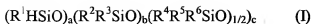
20. (Withdrawn) A silicone-treated powder produced by a process according to claim 6.

21. (New) A silicone-treated hydrophobic powder produced by a process comprising the steps of:

coating a surface of a starting powder with (1) a silicone compound having at least one Si-H group or (2) a mixture of the silicone compound (I) and a silicone compound not having an Si-H group, as a first step; and then

heating the silicone compound coated powder at a temperature of 260 to 480°C for 0.1 to 24 hours, as a second step, whereby the Si-H groups of silicone compound (I) are cross-linked,

wherein said silicone compound having an Si-H group is a silicone compound having the formula (I):



wherein R^1 , R^2 , and R^3 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, provided that R^1 , R^2 and R^3 are not simultaneously hydrogen atoms, R^4 , R^5 and R^6 independently represent a hydrogen atom or a C_1 to C_{10} hydrocarbon group, which may be substituted with at least one halogen atom, a is an integer of 1 or more, b is an integer of 1 or more, c is 2, provided that $3 \leq a + b + c \leq 10000$, and the compound has at least one Si-H group.

22. (New) A silicone-treated hydrophobic powder as claimed in claim 21, wherein, when an average particle size of the starting powder is not more than $0.1 \mu m$, the silicone compound coated powder is heated in the second step at a temperature of 260 to $320^\circ C$ for 1 to 5 hours.

23. (New) A silicone-treated hydrophobic powder as claimed in claim 21, wherein, when an average particle size of the starting powder is more than $0.1 \mu m$, the silicone compound coated powder is heated in the second step at a temperature of 330 to $480^\circ C$ for 1 to 5 hours.